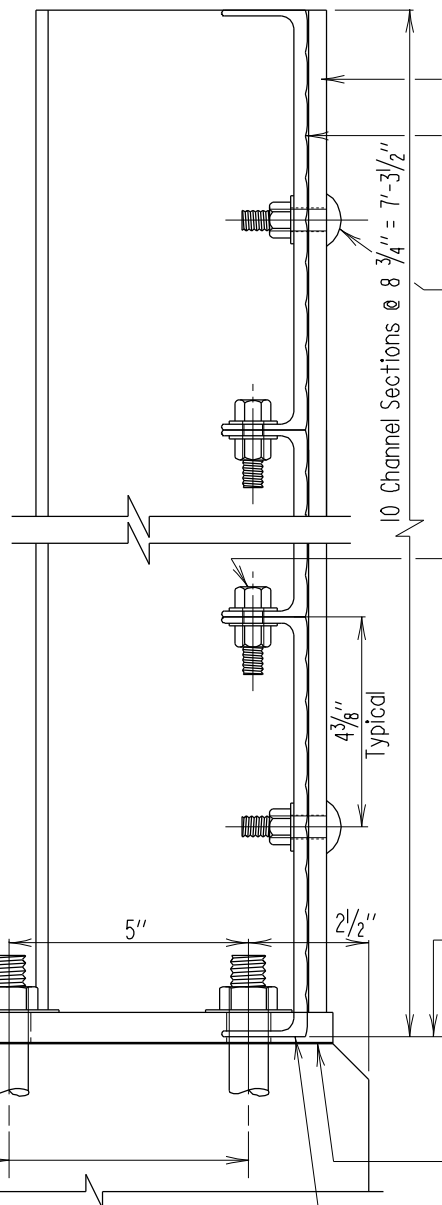


CHANNEL SECTION

Scale: 3" = 1'-0"



TYPICAL SECTION AT POST

Scale: 3" = 1'-0"

Hex. nuts with lock washers (Nuts to be A.S.T.M. B-211 alloy 6061-T6 or alloy 6262-T9 and washer shall be Designated A.S.T.M. B-209 Aluminum Alloy Alclad 2024-T4).

3/8" ϕ Carriage bolts, lock nuts, and washers one each channel section at each end of channel. Post to have square hole to accept square shank of carriage bolt. Channel to have 1/16" ϕ hole at one end and 7/16" x 13/16" slot at other end. Channels to be placed so that slots are at the same end of each panel.

3/8" ϕ Hex. Hd. bolts with Flat Washer and Locknuts at 1'-6" o/c max.

Tight fit under barrier full length.

Single thickness of preformed fabric bearing pad conforming to 910.02.03. Pad shall contact entire bottom surface of base plate with 1/8" inch maximum protrusion beyond base plate on any side.

Concrete shall be finished as necessary to provide good barrier alignment at posts and barrier. If finished surface is not acceptable to the Engineer, then grinding shall be performed at no additional cost to the Administration.

Coat entire bottom flange of all channels adjacent to the parapet with an approved caulking compound.

Bridge Parapet

3/4" Anchor Studs

APPROVAL	
<i>E.S. Friedman</i>	DIRECTOR
OFFICE OF STRUCTURES	
DATE: 3/2/04	
REVISIONS	
SHA	FHWA
10-9-07	.
.	.
FHWA APPROVAL	.
DATE:	.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

PROTECTIVE BARRIER FOR PORTION OF
BRIDGE OVER ELECTRIFIED RAILROAD WITH SIDEWALK

STANDARD NO. BR-SS(5.06)-04-360

SHEET 2 OF 4

SUPER - RAILING - BARRIER